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Attorney Docket: 041281.00010

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Rachel Watt

Name

Signature

June 14, 2006

Date of Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: von Gellhorn, et al.

International Application No.: PCT/CH2004/000695

International Filing Date: November 18, 2004

U.S. Serial No.: 10/579,593

U.S. Filing Date: May 17, 2006

Title: Plasma-Coated Conveyor Belt

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Applicant wishes to make of record the following references under the provisions of 37 C.F.R. §1.97.

References Cited

1. U.S. Patent Application Publication No. US2002/0142105A1.
2. European Patent No. 1063448A2.
3. European Patent No. 0667309A1.
4. European Patent No. 0487059A2.

5. GB Patent No. 1402275.

6. Document entitled in handwriting as "Houben-Weyl: Methoden der org. Chemie 4. Auflage Band E 20 Teil 1, describes the HF plasma and apparatus for producing it (sections 1.1, 1.2). Microwave plasma is mentioned in a footnote but "not discussed in this chapter." In section 1.3 the chemistry of HF plasma reactions and the types of suitable starting materials is described. In sections 1.4 and 1.5 the plasma-polymerisation and surface modification using HF plasma is discussed, without mentioning any types of substrates. It is mentioned that "plasma treatment should be considered whenever surface properties of a polymer are to be modified without impairing its substrate properties."

7. Document IKV-Kolloquium Aachen 2000, describes in section 5 the plasma-assisted deposition of barrier layers in order to optimize the permeation properties of plastics. It mentions as a suitable substrate packaging foils, plastic bottles and plastic tubes. It describes apparatus and process parameters for producing such barrier layers. It also describes the gas permeation properties of some specific barrier layers. In the case of coated tubes the permeation by gasoline is discussed.

8. Website printout from the Institute of Polymer Research in Dresden, Germany.

9. Website printout for PS 1010's air-to-air design.


Copies of items 2, 3, 4 and 5 listed above are enclosed, and items 2 and 3 are accompanied by an English language Abstract.

Copies of non-patent citations are also enclosed.

If any fee is due, the USPTO is authorized to charge Deposit Account No. 08-2442.

Respectfully submitted,

By:



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Dated: June 14, 2006
Attorney Docket: 041281.00010

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number	10/579,593
Filing Date	May 17, 2006
First Named Inventor	Edgar von Gellhorn
Art Unit	
Examiner Name	
Attorney Docket Number	041281.00010

Sheet	1	of	2	Attorney Docket Number	041281.00010
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U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

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PTO/SB/08B(05/03)

Approved for use through 05/31/2003, OMB 0651-0031

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number	10/579,593
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First Named Inventor	von Gellhorn
Group Art Unit	
Examiner Name	
Attorney Docket Number	041281.00010

Sheet

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of

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Document entitled in handwriting as "Houben-Weyl: Methoden der org. Chemie 4. Auflage Band E 20 Teil 1.	
		Document IKV-Kolloquium Aachen 2000.	
		Website printout from the Institute of Polymer Research in Dresden, Germany (http://www.ipfdd.de/people/nitschke/plasma.html)	
		Website printout for PS 1010's air-to-air design (http://www.4thstate.com/PS%201010.htm)	

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